

=> d his

10/719,423

(FILE 'HOME' ENTERED AT 15:52:44 ON 06 JUL 2005)

FILE 'AGRICOLA, BIOSIS, CAPLUS, EMBASE' ENTERED AT 15:52:51 ON 06 JUL 2005

L1

19 S TEMPORIN AND PLANT

L2

17 DUP REM L1 (2 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 15:56:28 ON 06 JUL 2005

=>

L2 ANSWER 1 OF 17 AGRICOLA Compiled and distributed by the National  
 Agricultural Library of the Department of Agriculture of the United States  
 of America. It contains copyrighted materials. All rights reserved.  
 (2005) on STN DUPLICATE 1

AN 2004:25766 AGRICOLA  
 DN IND43628440  
 TI Transgenic potatoes expressing a novel cationic peptide are resistant to  
 late blight and pink rot.  
 AU Osusky, M.; Osuska, L.; Hancock, R.E.; Kay, W.W.; Misra, S.  
 AV DNAL (QH442.6.T74)  
 SO Transgenic research, 2004 Apr. Vol. 13, no. 2 p. 181-190  
 ISSN: 0962-8819  
 NTE Includes references  
 DT Article  
 FS Non-US  
 LA English

L2 ANSWER 2 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2003:141690 BIOSIS  
 DN PREV200300141690  
 TI Activities of **temporin** family peptides against the chytrid  
 fungus (*Batrachochytrium dendrobatidis*) associated with global amphibian  
 declines.  
 AU Rollins-Smith, Louise A. [Reprint Author]; Carey, Cynthia; Conlon, J.  
 Michael; Reinert, Laura K.; Doersam, Jennifer K.; Bergman, Tomas;  
 Silberring, Jerzy; Lankinen, Hilka; Wade, David  
 CS Department of Microbiology and Immunology, Vanderbilt University, A-5301  
 Medical Center North, Nashville, TN, 37232, USA  
 louise.rollins-smith@vanderbilt.edu  
 SO Antimicrobial Agents and Chemotherapy, (March 2003) Vol. 47, No. 3, pp.  
 1157-1160. print.  
 ISSN: 0066-4804 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 19 Mar 2003  
 Last Updated on STN: 19 Mar 2003

L2 ANSWER 3 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2003:438314 BIOSIS  
 DN PREV200300438314  
 TI A melittin-related peptide from the skin of the Japanese frog, *Rana tagoi*,  
 with antimicrobial and cytolytic properties.  
 AU Conlon, J. Michael [Reprint Author]; Sonnevend, Agnes; Patel, Mahendra;  
 Camasamudram, Vijayayasathy; Nowotny, Norbert; Zilahi, Erika; Iwamuro,  
 Shawichi; Nielsen, Per F.; Pal, Tibor  
 CS Department of Biochemistry, Faculty of Medicine and Health Sciences,  
 United Arab Emirates University, Al-Ain, 17666, United Arab Emirates  
 jmconlon@uaeu.ac.ae  
 SO Biochemical and Biophysical Research Communications, (June 27 2003) Vol.  
 306, No. 2, pp. 496-500. print.  
 CODEN: BBRCA9. ISSN: 0006-291X.  
 DT Article  
 LA English  
 ED Entered STN: 24 Sep 2003  
 Last Updated on STN: 24 Sep 2003

L2 ANSWER 4 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2004:23631 BIOSIS  
 DN PREV200400027081  
 TI Isolation of peptides of the brevinin-1 family with potent candidacidal  
 activity from the skin secretions of the frog *Rana boylii*.  
 AU Conlon, J. M. [Reprint Author]; Sonnevend, A.; Patel, M.; Davidson, C.;  
 Nielsen, P. F.; Pal, T.; Rollins-Smith, L. A.  
 CS Department of Biochemistry F.H.M.S., United Arab Emirates University, PO  
 Box 17666, Al-Ain, United Arab Emirates  
 jmconlon@uaeu.ac.ae  
 SO Journal of Peptide Research, (November 2003) Vol. 62, No. 5, pp. 207-213.

print.  
ISSN: 1397-002X (ISSN print).

DT Article  
LA English  
ED Entered STN: 31 Dec 2003  
Last Updated on STN: 31 Dec 2003

L2 ANSWER 5 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2002:269050 BIOSIS  
DN PREV200200269050  
TI Interactions of the antimicrobial peptides **temporins** with model  
biomembranes. Comparison of **temporins** B and L.  
AU Zhao, Hongxia; Rinaldi, Andrea C.; Di Giulio, Antonio; Simmaco, Maurizio;  
Kinnunen, Paavo K. J. [Reprint author]  
CS Helsinki Biophysics and Biomembrane Group, Institute of Biomedicine,  
University of Helsinki, Haartmaninkatu 8, FIN-00014, Helsinki, Finland  
Paavo.Kinnunen@Helsinki.Fi  
SO Biochemistry, (April 2, 2002) Vol. 41, No. 13, pp. 4425-4436. print.  
CODEN: BICHAW. ISSN: 0006-2960.  
DT Article  
LA English  
ED Entered STN: 1 May 2002  
Last Updated on STN: 20 May 2002

L2 ANSWER 6 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2002:360210 BIOSIS  
DN PREV200200360210  
TI Activity of antimicrobial skin peptides from ranid frogs against  
Batrachochytrium dendrobatidis, the chytrid fungus associated with global  
amphibian declines.  
AU Rollins-Smith, Louise A. [Reprint author]; Carey, Cynthia; Longcore,  
Joyce; Doersam, Jennifer K.; Boutte, Angela; Bruzgal, Judsen E.; Conlon,  
J. Michael  
CS Departments of Microbiology and Immunology and Pediatrics, Vanderbilt  
University, Medical Center North, A-5301, Nashville, TN, 37232, USA  
louise.rollins-smith@mcmail.vanderbilt.edu  
SO Developmental and Comparative Immunology, (June, 2002) Vol. 26, No. 5, pp.  
471-479. print.  
CODEN: DCIMDQ. ISSN: 0145-305X.  
DT Article  
LA English  
ED Entered STN: 26 Jun 2002  
Last Updated on STN: 26 Jun 2002

L2 ANSWER 7 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2002:353648 BIOSIS  
DN PREV200200353648  
TI Antimicrobial peptide defenses against Batrachochytrium dendrobatidis, the  
chytrid fungus associated with global amphibian declines.  
AU Rollins-Smith, Louise A. [Reprint author]; Carey, Cynthia; Longcore, Joyce  
E.; Doersam, Jennifer K. [Reprint author]; Reinert, Laura K. [Reprint  
author]; Boutte, Angela [Reprint author]; Bruzgal, Judsen; Conlon, J. M.  
CS Microbiology and Immunology, Vanderbilt University Medical Center, A-5301  
Medical Center North, Nashville, TN, 37232, USA  
SO FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A291. print.  
Meeting Info.: Annual Meeting of the Professional Research Scientists on  
Experimental Biology. New Orleans, Louisiana, USA. April 20-24, 2002.  
CODEN: FAJOEC. ISSN: 0892-6638.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 26 Jun 2002  
Last Updated on STN: 26 Jun 2002

L2 ANSWER 8 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
AN 2002:172788 BIOSIS  
DN PREV200200172788  
TI Hematological and antifungal properties of **temporin** A and a

. cecropin A-**temporin** A hybrid.  
 AU Wade, David [Reprint author]; Silveira, Angela; Rollins-Smith, Louise;  
 Bergman, Tomas; Silberring, Jerzy; Lankinen, Hilkkka  
 CS Peptide Laboratory, Haartman Institute, Helsinki University, FIN-00014,  
 Helsinki, Finland  
 wade@cc.helsinki.fi  
 SO Acta Biochimica Polonica, (2001) Vol. 48, No. 4, pp. 1185-1189. print.  
 CODEN: ABPLAF. ISSN: 0001-527X.  
 DT Article  
 LA English  
 ED Entered STN: 5 Mar 2002  
 Last Updated on STN: 5 Mar 2002

L2 ANSWER 9 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN  
 AN 2002:72773 BIOSIS  
 DN PREV200200072773  
 TI Antimicrobial peptides from the skin of the Japanese mountain brown frog,  
 Rana ornativentris.  
 AU Kim, J. B.; Iwamuro, S.; Knoop, F. C.; Conlon, J. M. [Reprint author]  
 CS Department of Biomedical Sciences, Creighton University Medical School,  
 Omaha, NE, 68178-0405, USA  
 jmconlon@creighton.edu  
 SO Journal of Peptide Research, (November, 2001) Vol. 58, No. 5, pp. 349-356.  
 print.  
 ISSN: 1397-002X.  
 DT Article  
 LA English  
 ED Entered STN: 16 Jan 2002  
 Last Updated on STN: 25 Feb 2002

L2 ANSWER 10 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2003:41566 BIOSIS  
 DN PREV200300041566  
 TI When expressed in potato, one of the smallest cationic peptide provides  
 strong resistance against bacteria and fungi.  
 AU Osusky, Milan [Reprint Author]; Osuska, Lubica [Reprint Author]; Kay,  
 William W. [Reprint Author]; Misra, Santosh. [Reprint Author]; Hancock,  
 Robert E.  
 CS Department of Biochemistry and Microbiology, University of Victoria,  
 Victoria, BC, Canada  
 milano@uvic.ca  
 SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 174. print.  
 Meeting Info.: Joint Annual Meetings of the American Society of Plant  
 Biologists and the Canadian Society of Plant Physiologists. Providence,  
 Rhode Island, USA. July 21-25, 2001. American Society of Plant Biologists;  
 Canadian Society of Plant Physiologists.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 15 Jan 2003  
 Last Updated on STN: 15 Jan 2003

L2 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2005 ACS on STN  
 AN 2000:666890 CAPLUS  
 DN 133:235373  
 TI Transgenic **plants** expressing dermaseptin and/or **temporin**  
 peptides are resistant to a broad spectrum of pathogens  
 IN Misra, Santosh; Kay, William D.  
 PA University of Victoria Innovation and Development Corporation, Can.  
 SO PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2000055337	A1	20000921	WO 2000-CA288	20000316

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,  
CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID,  
IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,  
SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW,  
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2365099 AA 20000921 CA 2000-2365099 20000316

EP 1163352 A1 20011219 EP 2000-910462 20000316

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

JP 2002538828 T2 20021119 JP 2000-605754 20000316

AU 772964 B2 20040513 AU 2000-32679 20000316

US 6835868 B1 20041228 US 2001-936885 20010917

US 2004073977 A1 20040415 US 2003-719623 20031120

PRAI US 1999-125072P P 19990317

WO 2000-CA288 W 20000316

US 2001-936885 A3 20010917

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 17 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2000:825931 CAPLUS

DN 133:345554

TI Method for constructing antimicrobial cationic protein expression  
cassettes and the uses thereof in **plant** disease control

IN Zhou, Guoqing

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1249310	A	20000405	CN 1998-112269	19980928
PRAI	CN 1998-112269		19980928		

L2 ANSWER 13 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

AN 2000:215303 BIOSIS

DN PREV200000215303

TI Peptides with antimicrobial activity from four different families isolated  
from the skins of the North American frogs *Rana luteiventris*, *Rana*  
*berlandieri* and *Rana pipiens*.

AU Goraya, Jadvinder; Wang, Yuqi; Li, Zhihong; O'Flaherty, Martina; Knoop,  
Floyd C.; Platz, James E.; Conlon, J. Michael [Reprint author]

CS Department of Biomedical Sciences, Creighton University Medical School,  
Omaha, NB, 68178-0405, USA

SO European Journal of Biochemistry, (Feb., 2000) Vol. 267, No. 3, pp.  
894-900. print.

CODEN: EJBCAI. ISSN: 0014-2956.

DT Article

LA English

ED Entered STN: 31 May 2000

Last Updated on STN: 5 Jan 2002

L2 ANSWER 14 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
STN

AN 2000:304791 BIOSIS

DN PREV200000304791

TI Purification and characterization of antimicrobial peptides from the skin  
of the North American green frog *Rana clamitans*.

AU Halverson, Thomas; Basir, Yousef J.; Knoop, Floyd C.; Conlon, J. Michael  
[Reprint author]

CS Regulatory Peptide Center, Department of Biomedical Sciences, Creighton

. University Medical School, Omaha, NB, 68178, USA  
 SO Peptides (New York), (April, 2000) Vol. 21, No. 4, pp. 469-476. print.  
 CODEN: PPTDD5. ISSN: 0196-9781.  
 DT Article  
 LA English  
 ED Entered STN: 19 Jul 2000  
 Last Updated on STN: 7 Jan 2002

L2 ANSWER 15 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2001:49254 BIOSIS  
 DN PREV200100049254  
 TI Multiple antimicrobial peptides and peptides related to bradykinin and  
 neuromedin N isolated from skin secretions of the pickerel frog, *Rana*  
*palustris*.  
 AU Basir, Yousef J.; Knoop, Floyd C.; Dulka, Joseph; Conlon, J. Michael  
 [Reprint author]  
 CS Department of Biomedical Sciences, Creighton University Medical School,  
 Omaha, NE, 68178, USA  
 jmconlon@creighton.edu  
 SO Biochimica et Biophysica Acta, (30 November, 2000) Vol. 1543, No. 1, pp.  
 95-105. print.  
 CODEN: BBACAQ. ISSN: 0006-3002.  
 DT Article  
 LA English  
 ED Entered STN: 24 Jan 2001  
 Last Updated on STN: 12 Feb 2002

L2 ANSWER 16 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2000:487028 BIOSIS  
 DN PREV200000487028  
 TI Interactions of **temporins** with model membranes.  
 AU Zhao, H. X. [Reprint author]; Rinaldi, A. C.; Di Giulio, A.; Barra, D.;  
 Kinnunen, P. K. J. [Reprint author]  
 CS Helsinki Biophysics and Biomembrane Group, Dept. of Medical Chemistry,  
 Institute of Biomedicine, University of Helsinki, Siltavuorenpenger 10A,  
 FIN-00014, Helsinki, Finland  
 SO Medical Microbiology and Immunology, (September, 2000) Vol. 189, No. 1,  
 pp. 54. print.  
 Meeting Info.: 4th International Workshop on Pore-Forming Toxins. Trento,  
 Italy. September 14-17, 2000.  
 CODEN: MMIYAO. ISSN: 0300-8584.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 8 Nov 2000  
 Last Updated on STN: 10 Jan 2002

L2 ANSWER 17 OF 17 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on  
 STN  
 AN 2000:313691 BIOSIS  
 DN PREV200000313691  
 TI Purification and characterization of antimicrobial and vasorelaxant  
 peptides from skin extracts and skin secretions of the North American pig  
 frog *Rana grylio*.  
 AU Kim, Joseph B.; Halverson, Thomas; Basir, Yousef J.; Dulka, Joseph; Knoop,  
 Floyd C.; Abel, Peter W.; Conlon, J. Michael [Reprint author]  
 CS Regulatory Peptide Center, Department of Biomedical Sciences, Creighton  
 University Medical School, Omaha, NB, 68178, USA  
 SO Regulatory Peptides, (30 June, 2000) Vol. 90, No. 1-3, pp. 53-60. print.  
 CODEN: REPPDY. ISSN: 0167-0115.  
 DT Article  
 LA English  
 ED Entered STN: 26 Jul 2000  
 Last Updated on STN: 7 Jan 2002